Notes on these Operating Instructions

The operating instructions and installation guidelines have been organized so that subject-related information can be easily found using the contents list.

> **Note**
>
> You will find comprehensive Operating Instructions for navigation on relevant CDs/DVDs and at the online help of the device.

The section "Frequently Asked Questions" contains answers to questions that are frequently addressed to our customer service department.

Document Your Navigation Unit

It is important to record the details of your Navigation Unit and the purchase thereof. In the event you require warranty support you may be asked for this information. The serial number can be found on the back of the device:

Serial Number	.....
Password	.....
Information note	.....
SuperPIN	.....
UUID	.....
Date of Purchase	.....
Place of Purchase	.....

Please record the serial number into any appropriate guarantee documents.

You will enter your own password and information note using the Security Function.

The SuperPIN and the UUID will be provided following the activation of the Security Function. See Page 17.

Quality

The components used have been selected to provide a product that has a high level of functionality and is user friendly, safe and reliable. A well-balanced hardware and software design allows us to offer you a technologically advanced navigation system, which is both practical and enjoyable to use.

Service

Our customer care is there to provide support and assistance whenever you have questions or are experiencing problems.

This manual contains a section specific to Customer Service starting on page 41.

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Safety and Maintenance

Safety Instructions

Please read this section carefully and follow all the instructions provided. This will help ensure reliable operation and prolong the life of your appliance.

Keep the packaging and the user instructions for future reference or enquiries at a later date. If you pass the article on to another person, you should pass on these instructions.

- Never allow children to play with electrical equipment unsupervised.
- Keep the packaging materials, such as plastic bags away from children as there is a danger of suffocation.
- Never open up the housing of the appliance. These contain no user-serviceable parts. If the housing is opened there is a danger of electric shock.
- Please operate your navigation system with an approved power supply only.
- Do not place any objects on the appliance and do not exert any pressure on the display. Otherwise there is a danger that the screen will break.
- To avoid damage, do not touch the screen with sharp objects. We recommend using only the stylus provided or finger when using the touch-screen functionality of the product.
- There is a risk of injury if the display breaks. If this should occur, use protective gloves to pack the broken parts and contact customer support to arrange for disposal. Then wash your hands with soap, since there is a possibility that chemicals may have escaped.

Switch the appliance off immediately, or do not switch it on, and contact Customer Service.

- If the housing of the appliance becomes damaged or liquid may have leaked into it the components must be checked by Customer Service in order to avoid damage!

Data Security

- Every time your data is updated or modified backup copies should be made on an external storage medium. The supplier assumes NO liability for data loss or damage to data storage units, and no claims can be accepted for damages resulting from the loss of data or for consequential damages.

Operating Environment

Failure to follow these instructions may lead to your appliance being damaged. In cases where products are damaged as a result of misuse or neglect the associated guarantee will be considered void.

- Keep your navigation System and all connected devices away from moisture and avoid exposure to dust, heat and direct sunlight, especially in the car.
- Make sure you prevent your appliance from getting wet, e.g. from rain and hail, at all times. Please note that moisture can even build up inside a protective pouch as a result of condensation.
- Avoid heavy vibrations and shaking.
- Please note the device should be installed vertically, this will ensure that the device remains secure within its holder.

Repair

- Please contact our Service Centre if you encounter technical problems with your appliance.
- In the event a repair becomes necessary, please use Medion authorised Service Partners. The address can be found on the back of your guarantee card or online at www.medion.co.uk

Ambient temperature

- The appliance will operate effectively at an ambient temperature of between +32°F and +95°F (0° C and 35° C) and at a relative humidity of between 10% and 90% (non-condensing).
- In the powered down state the appliance can be stored at between -4°F and +140°F (-20° C + to 60° C).
- Store the appliance in a safe location, away from high temperatures (e.g. when parking or from direct sunlight).

Electromagnetic Compatibility

- When connecting additional or other components the “Electromagnetic Compatibility Directive” (EMC) must be adhered to. Please note that only screened cable (maximum 10ft) should be used with this appliance.
- For optimal performance, maintain a distance of at least 10 ft. from sources of high-frequency and magnetic interference (televisions, loudspeaker systems, mobile telephones etc.).This will help to avoid malfunctions and loss of data.
- Electronic devices emit electromagnetic waves during operation.
  These emissions are harmless, but can interfere with other devices operated in close proximity.
  While our devices are tested and optimised for electromagnetic compliance in our laboratories, interference during operation may still occur in the device itself and with other devices in its proximity.
  Should such interference occur, try to eliminate it by adjusting the positions of and the distances between the devices.
  Before driving, please ensure that the electronic systems of the car are working properly.

Connection

When connecting your appliance it is important to observe the following instructions:

Power supply through Car Adapter

- The car adapter should only be connected to the lighter socket of a car (car battery = DC 12V⎓, truck battery = DC 24V ⎓). If you are in any doubt about the power source in your car, please contact your car manufacturer.

Cabling

- Arrange cables so that they do not cause unnecessary obstruction or risk entanglement or snaring. E.g. ensure that the cables cannot be trod on, or tripped over.
- Do not put any objects on the cable, because it could be damaged if you do so.
- Do not use any force and pay attention to the correct orientation of the plug when connecting the cables and plugs.
- Do not permit any great forces to be exerted on the plug connections, from the side, for example. This will lead to damage in and to your device if you do so.
- Avoid short circuiting and broken cable by not crushing or bending it sharply.

Information about the Regulatory Compliance according to R&TTE

- Bluetooth (only for model P4445)
- FM-Transmitter (optional)

The company declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. Complete declarations of conformity are available under www.medion.com/conformity.

CE 0984 !

Battery Operation

Your appliance is powered by an integrated battery. In order to prolong the life and efficiency of your battery and ensure safe operation, follow the instructions below:

- Batteries cannot withstand excessive heat. Take care to avoid overheating of appliance and the integrated battery. Failure to comply with this instruction may lead to damage to or, even explosion of the battery.
- Only use the car adapter to charge the battery.
- Pb The batteries are special category waste. When disposing of the appliance ensure that this is done correctly. Contact Customer Service for more details.

Maintenance

> **Warning**
>
> There are no user-serviceable parts which require cleaning inside the housing of the appliance.

You can prolong the life of the appliance by taking the following simple steps:

- Always remove the power plug and all connecting cables before cleaning.
- Clean the appliance only with a damp, lint-free cloth.
- Do not use solvents, caustic or gaseous cleaners.

Care of the Display

- Avoid scratching the display surface as this may be easily damaged. We recommend using a display protection film (mylar) to prevent scratching of the screen. Please contact your nearest dealer for this accessory.
  The plastic on the display at delivery is purely for protection during transportation!
- Ensure that no traces of water remain on the screen. Water can cause irreversible discoloration.
- Use only a soft, lint-free cloth to clean the screen.
- Do not expose the screen to strong sunlight or ultraviolet radiation.

Recycling and Disposal

The device and its packaging are recyclable.

Device

At the end of its life, the appliance must not be disposed of in household rubbish. Consult your local waste disposal company to enquire about environmentally-friendly options for disposal.

Packaging

To avoid damage during transport, the appliance was supplied in protective packaging. The majority of packaging is manufactured from materials which can be disposed of in an environmentally friendly manner and be recycled professionally.

Transport

When transporting the appliance please follow the instructions below:

- After transporting the appliance wait until the unit has acclimatised and adjust to surrounding conditions (e.g. room temperature and humidity) prior to use. In the event of large fluctuations in temperature or humidity, condensation or moisture may form inside the appliance. This can cause an electrical short-circuit.
- In order to protect the appliance from dirt, knocks and scratching, please use an appropriate protective case.
- Before travelling ensure that you are aware of the power and communications provisions at your destination. Before travelling obtain any power or communications adapters that may be required for the operation of your device.
- When shipping your appliance we recommend using the original packaging. If the original packaging isn't available please contact customer service for advice.
- When passing through baggage control at airports, it is recommended that you pass the appliance and all magnetic storage media (external hard drives) through the X-ray system (the machine on which your bags are placed). Avoid the magnetic detector (the structure through which you yourself pass) or the magnetic wand (the hand device that the security staff use), since this may corrupt your data.

Supplied Items

Please check the condition of items supplied and check for missing items using the list below. If you find your package to be incomplete, please forward to us all claims for missing items within 14 days from the date of purchase.

The package should include the following:

- Navigation system
- Power cable for cigarette lighter
- Car holder and cradle
- USB cable
- CDs/DVDs with navigation software
- Instruction manual and warranty card

Optional

- Memory card
- TMC dipole antenna
- Earphones
- Protective case

Views

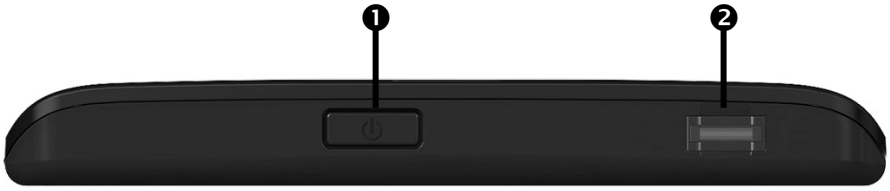
Front Components

Ref	Component	Description
❶	Microphone	
❷	Battery Charge Indicator	The LED will flash **orange** during the charging process. It will shine constant **green** when the accumulator is fully charged.
❸	Bluetooth indicator	This LED will blink at different speeds, according to the connection status, if Bluetooth has been activated (only for model P4445)
❹	Touch Screen	Displays the output of your appliance. Tap on the screen with your finger, a stylus or a "blunt" tip to select menu commands or enter data.

Back Components

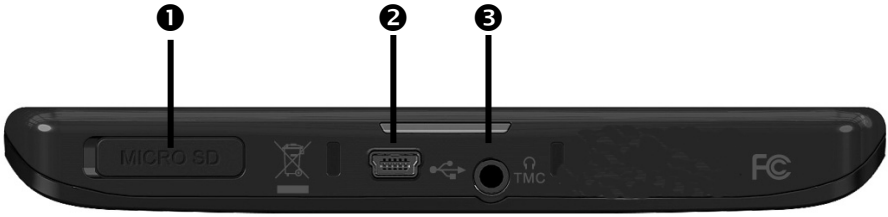
Ref	Component	Description
❶	Loudspeaker	Plays back language statements and warnings.

Top Components



Ref	Component	Description
❶	On-/ Off button	Turn the device on or off by pressing and **holding** the **On/Off button**. You will switch to the stand-by mode or reactivate the device by quickly pressing the button.
❷	Fingerprint sensor	See page 19

Bottom Components



Ref	Component	Description
❶	Memory card insertion slot	Accepts an optional memory card for removable storage.
❷	Mini-USB-Connector	Connection to external power supply as well as connection for connecting to a PC by means of the USB cable (for data matching)
❸	Earphones	Connects to a pair of stereo earphones Using this appliance at full volume for extended periods of time may cause damage to the hearing capacity of the listener. You also have the possibility to connect a TMC di-pole antenna here.

Initial Set up

The following is a step by step guide to assist in the initial Set-up of the navigation system. Start by removing the protective plastic from the display.

I. Charging the Battery

The battery of your navigation system can be charged in the following ways:

- Using the supplied car adapter or
- using a suitable USB cable.

> **Attention!**
>
> It may be necessary to initially charge the battery for a considerable period of time prior to commencing and running through the initial installation, this is dependent on the level of charge held at the time by the internal battery.

Please observe the following notes relating to the battery:

- The charging status display LED will flash orange until the navigation system is charged. If possible, do not interrupt the charging process until the battery is fully charged. This may take a few hours. The charging status LED will shine constant green if the battery has a high level of charge. Leave the device charging for 20 further minutes, to ensure the battery is fully charged.
- The navigation system can be used during the charging process, but the power supply must not be interrupted during initial set-up.
- Leave the external power supply connected to the navigation system for around 24 hours, so that the backup battery also charges-up fully.
- The external power supply can remain connected; this is recommended for continuous operation. However, the mains adapter (optional) must remain switched on whenever it is connected to the navigation system.
- Even after a power source has been connected to the device it may take several minutes until the device is once again ready to operate again, this occurs if the charging state of the battery is exceptionally low. The battery will continue to be charged if the power supply is connected and the device is switched off.

II. Power Supply

Car Adapter

(similar picture)

1. Plug the jack (❶) of the connection cable into the corresponding receptor at the bottom of your navigation system.
2. Insert the power adapter (❷) into the cigar lighter socket ensuring, that it will not lose contact while driving. This could cause a malfunction.

Alternative possibility of charging the battery

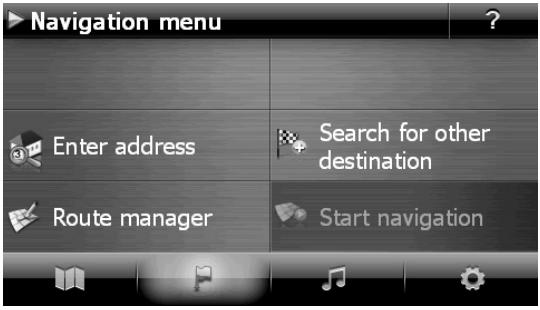
The battery will charge as soon as you connect your navigation device to a switched-on PC or notebook by means of a USB cable. No additional software or updates is required for your PC to perform this function. Do not interrupt the charging process if possible during the initial charge.

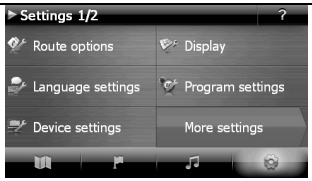
> **Note**
>
> The brightness will be adjusted downwards, if necessary, if a USB connection is being set up when the device is switched on.
>
> It is recommended to set the device to the stand-by mode, in order to shorten the charging time by USB.

III. Switching on the Device

You will switch your navigation device on or off again completely by **pressing** the **On/Off key** for a **long** time (> 3 sec.).

The navigation system will start the first setting up automatically. Select the language that you require first. The brand logo will appear and your device will display the **entry screen** after a few seconds.



Button	Description	Main Screen
	Menu Viewing maps	
	Navigation menu	
	Other applications	
	Settings	

Note

You will not be able to select the Navigation menu or the settings if the navigation software does not find any map files in the device or on a memory device. Then the **'Other applications'** menu will appear automatically.

Note

Brief pressure on the **on/off button** will be enough to switch the device on or off, provided that your navigation system is connected to an external source of electricity or is running in battery operation (standby mode).

You can adjust the period of operation to suit your needs using the **Settings** button on the main screen of your device. Your device is delivered in a status in which it will not switch off independently.

Press and hold the **On/Off key** (> 3 sec.), to completely switch off the device.

No data will be lost as data is stored in the internal memory. The starting process will only last slightly longer.

Your navigation system will use a low amount of electricity and the batteries will be discharged, even when in standby mode.

IV. Installing the Navigation Software

The final installation of the navigation software will take place automatically from the internal memory, during the initial set up, if your device has already been equipped with the basic data of the navigation software at the factory. Follow the instructions on the screen.

An optional memory card must always be inserted in the device while the navigation system is being used.

It will be necessary to carry out a Reset to restart the navigation system if the memory card has been removed (see page 23).

Please also read the chapter **Navigation** starting on page 25.

General Operating Instructions

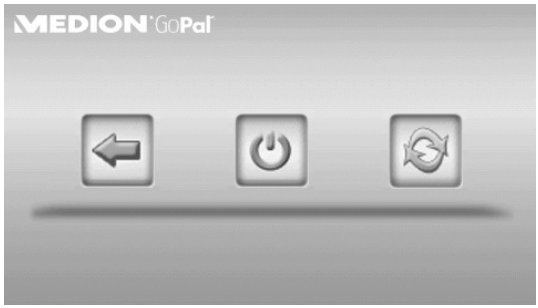
Switching on/off the device

Your device will be in its normal operating state after the initial set up. You can activate and deactivate your device with the On-/Off switch.

1. To start your navigation system press briefly the On-/Off switch .

> **Note**
>
> Your device is delivered in a status in which it will not switch off independently. You can adjust the period of operation to suit your needs using the **Settings** button on the main screen of your device.
>
> Your navigation system will use a low amount of electricity and the batteries will be discharged, even when it is in the standby mode.

2. To switch off your navigation system briefly press the On-/Off switch .
   The following screen will appear:



You have three possible choices:

Button	Description
	Cancel/Back Return to previous view with this key, if you have accidently called up this screen.
	Standby Mode (Energy saving mode) The device will go into Standby Mode if this key is clicked.
	Reset You can carry out a reset by clicking this key.

The device will go into the Standby mode automatically after a few seconds if you do not want to select any of these three possibilities.

For further settings within the Standby mode also see the chapter on “Special CleanUp Function”, page 65, point 8.

This display will also appear after the delay period of a few seconds has expired, if you have activated the DC AutoSuspend Comfort Function.

Security

You have the possibility of protecting your device against external access by means of this function. Some one-off settings will have to be made before you will be able to use this function. Proceed as follows to do this:

Storing the password and the information note

1. Go to **Settings** and then to **Device settings** by means of the main display.
2. Click on **Security**, in order to start the respective function. The following display will appear:

3. Click on , in order to enter a password.
4. A keyboard will appear. Enter a password with it.

> **Note**
>
> The password must consist of at least 4 symbols. Use a combination of letters (A – Z) and numbers (0 - 9). Keep the password in a safe place.

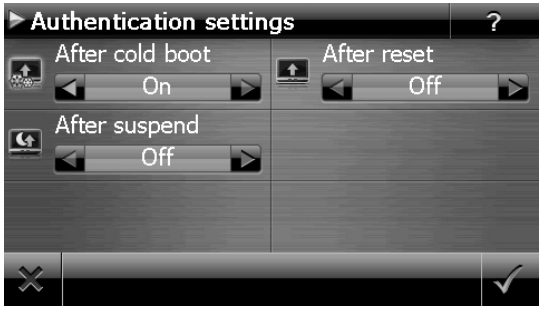
5. Confirm the password with the symbol after you have entered it.
6. Enter the password in the second field to reconfirm it and in order to avoid potential careless mistakes.

> **Note**
>
> The password will be displayed in the form of small stars (****).

7. An additional text field will appear after you have entered the password. Enter an information note here that will serve as a support for remembering your password. You will be able to call up this information if you have forgotten or mislaid the password.

Making settings

The following selection window, through which you will make the settings for the Security Function, will appear after you have entered the password and the information note successfully.

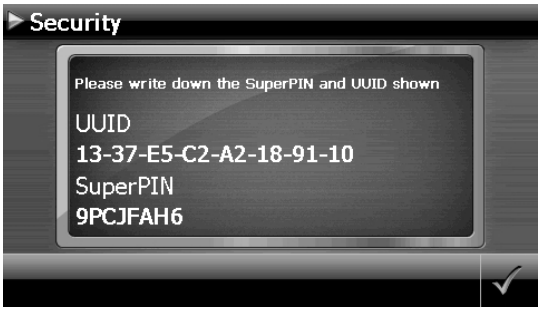


Button	Description
	Set here whether the device should request the password after a hard reset.
	Set here whether the device should request the password after a restart.
	Set here whether the device should request the password after the device has been switched on from the Standby mode.

Confirm your settings with during the set-up. The following screen will appear:

SuperPIN and UUID

The SuperPIN and the UUID (Universally Unique IDentifier = definite device identification) will appear on the display after you have confirmed the settings.



Note

Record this data in your Operating Instructions (see Page 1) and keep them in a safe place.

You will need this information if you have entered the password incorrectly 3 times. The navigation device can then only be released with this information.

Fingerprint Sensor

Your new navigation system is equipped with a **fingerprint sensor**.

Benefits of this technology

First of all, it provides extra **comfort**. You will not have to memorize passwords, because the software manages those for you.

> **Note**
>
> Store your passwords and access data in a safe place. If you cannot identify yourself by your fingerprint (e.g., when working on someone else's computer), you can log in with your access data in the usual way.

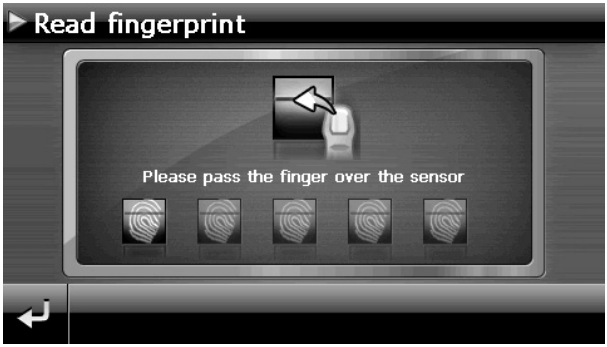
Storing a fingerprint

1. Go to the

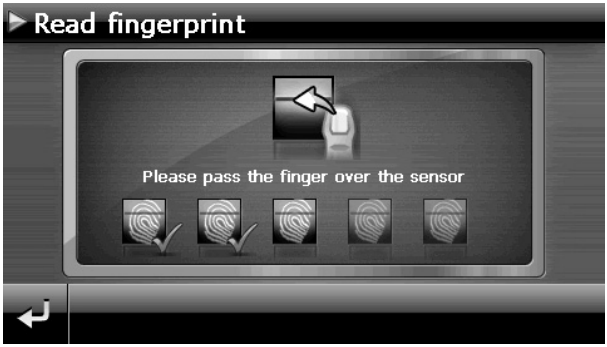
sub-menu and select the

point there, to store your fingerprint.

2. You will be requested to stroke your finger slowly across the sensor several times:



3. The following screen will appear if the scanning process of the fingerprint has been successful:



4. Repeat this process until the fingerprint has been scanned in successfully several times.
5. You will be requested whether you want to store the fingerprint that has been scanned in the following screen:

6. Confirm with .

Now, you will be able to log into your device with the stored fingerprint.

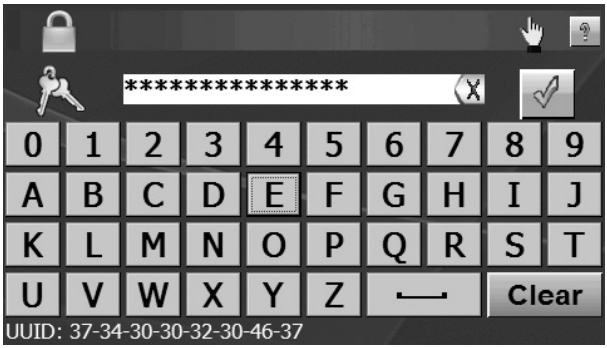
Making subsequent settings

Start the Security Function if you have already entered a password or stored a fingerprint and would like to make a subsequent setting or to change the password. The following display will appear:

Button	Description
Active profile settings	Change the password or the information text; Store /change a fingerprint
Authentication settings	Authentication settings(see Page 17, Making settings)
Show SuperPIN	Display SuperPIN and UUID (see Page 18)
Restore to standard	Reverses the complete security function. All security settings and passwords will have been deleted after this function has been carried out. You will have to enter and confirm your password again to be able to carry out the security function.

Password Request

A password request will appear at the restarting of the device, according to the setting, if you have established a password by means of the Security Function.



1. Enter the password stored by you by means of the keyboard or draw the finger (fingerprint) previously chosen by you across the sensor. The symbol shows you if you have stored a fingerprint.

   Note

   The password will be displayed in the form of small stars (****).

2. Click on the question symbol to have the information note displayed, if you have forgotten the password and need the Help setting.

3. Click on to confirm the entry.

   Note

   You will have to enter the SuperPIN if you have entered the password incorrectly 3 times. Contact your Service Center, giving the UUID, if you have also mislaid it. The UUID will be faded out in the lower display.

Resetting the Navigation System

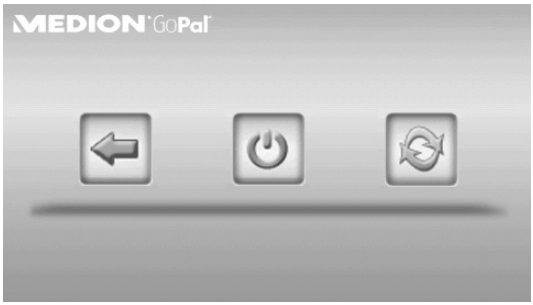
You can reset your navigation system if it is no longer reacting or working properly.

This option restarts the navigation system, without reinstallation being necessary. A reset is often used in order to reorganise the memory. In doing so all programs that are running are interrupted and the working memory is reinitialised.

You can carry out two different Reset procedures with your device.

Reset

The following screen will appear if you press the On/Off switch for a short time:



If you want to carry out a Reset, tap on .

You will find further information in the chapter “Switching on/off the device”, page 15.

Switching the Device off Completely / Hard Reset

> **Attention!**
>
> A hard reset will delete all data in the temporary memory.

Your navigation system will normally be in the Standby Mode, if you have switched it off by pressing the on/off button briefly. In addition, the system can be switched off completely; the consumption of energy can be kept as low as possible through this. All the data in the temporary memory will be lost if the device is switched off completely (hard reset).

To switch your navigation system off completely:

1. Press and **hold** the **On/Off key (> 3 sec.),** to switch off the device.
2. Press and **hold** the **On/Off key (> 3 sec.),** to switch the device on again.

A reinstallation will not be necessary after a hard reset if your device has already been equipped with the basic data of the navigation software in the permanent memory.

Navigation

Safety Instructions for Navigation

The bundled product CD/DVD contains a comprehensive instruction manual.

General Instructions

- Do not adjust or configure the navigation system whilst driving, this is to protect yourself and others from accidents!
- In the event that you do not understand the voice instruction or if you are in any doubt about what to do at the next intersection, then the map or arrow displayed on the screen will provide you with a quick orientation. Only look at the display when it is safe to do so and driving conditions allow!

Legal remark

The use of devices that warn for traffic monitoring systems (like „speed traps") is prohibited in some countries, like Germany, Ireland and Switzerland. Please obtain information about the legal situation and apply the waning function only where allowed. We cannot be held liable for damages caused by the use of the warning function.

Attention!

The road layout and driving rules take precedence over the instructions of the navigation system. Only follow the instructions when circumstances and driving rules permit it! The navigation system will guide you to your destination even when you have to deviate from your planned route.

- The direction statements of the navigation system given do not release the driver of the vehicle from his or her duty of care or personal responsibility.
- Plan routes before you leave. If you want to plan a new route whilst on the road pull over and stop driving.
- In order to receive the GPS signal correctly, keep away from metal objects as they may hinder reception. Attach the navigation system onto the inside of the windscreen or near the windscreen with the suction cup. Try out different positions in your vehicle in order to find the best reception.

Notes for Use in a Vehicle

- Take care that the holder does not present any risk to safety, even in the case of an accident, when installing it.
- Take care that the cable does not impede any safety components.
- The display of your navigation system may show “light reflections”. Please take care of not being “blinded” during operation.
- Do not mount the components within the operating range of any airbags.
- Check the secure adherence of the suction cup at regular intervals.
- The power plug will consume power, even if no device is connected. Remove it when not in use to avoid draining the car battery.
- Check all safety equipment in your car after installation.

Note

Do not leave your navigation software in the vehicle when you leave it unattended. You should also uninstall the holder for security reasons.

Aerial Orientation

The aerial must have unrestricted access to the sky to receive GPS satellite signals. Place the aerial as horizontally as possible for this reason. Try out aerial and installation possibilities in the vehicle if the reception is inadequate.

I. Mounting the Car Holder

Attention!

Only fix the holder for the navigation system to the windscreen, if it does not impede the view.

(similar picture)

Note

Your navigation device can also be equipped with a different but similar vehicle attachment as an alternative, according to the version.

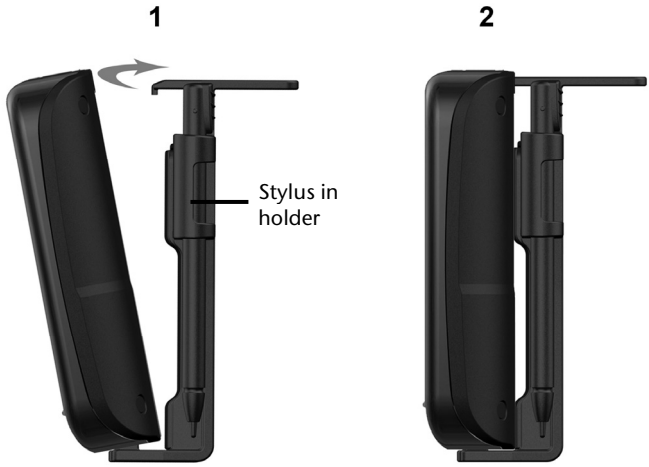
Note

Clean the windscreen thoroughly with a glass cleaner. Warm the disk and the nipple slightly at temperatures below 15° C.

Place the holder with the suction head directly onto the wind screen and press the lever on the suction head downwards. The sucker will attach itself to the background firmly.

II. Attaching the Navigation System

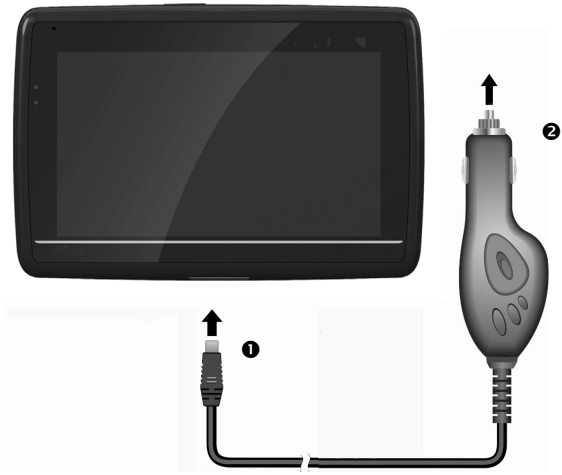
1. Connect the car adapter and, if necessary, the TMC aerial to your navigation system and insert the memory card.
2. Place the device below in the centre of the holder.
3. Press it gently **backwards** (❶)until it engages audibly (❷).



(similar picture)

4. Place the holder on the fixing catches of the car holder.
5. Now, push the unit **to the side** until it engages audibly.
6. Now you will be able to place the complete unit on the cleaned windscreen or the suction plate.

III. Connecting the Car Adapter



(similar picture)

1. Plug the jack (❶) of the connection cable into the corresponding receptor at the bottom of your navigation system.
2. Insert the power adapter (❷) into the cigar lighter socket ensuring, that it will not lose contact while driving. This could cause a malfunction.

Note

Remove the power adapter from the cigarette lighter socket when ending a trip or when parking the car for a extended period of time. Otherwise the car battery could be drained. In this case use the power switch to turn off the navigation system.

IV. Starting the Navigation Software

Note

Your memory card will always have to be inserted into the device during the use of the navigation system, if the card contains (additional) mapping material.

It will be necessary to carry out a reset to restart the navigation system if the memory card has been removed while the system was being used (see page 23). According to the navigation system the reset is carried out automatically.

1. Switch on your navigation system.
2. The Navigation software will start automatically or after tapping on the navigation control button on the main screen, according to the version.
3. Tap on **Navigation** on the screen for entering the destination. Enter the destination address. Confirm your entry by clicking the symbol to start the navigation. After a short time, if the satellite reception is adequate you will receive augmented language statements.

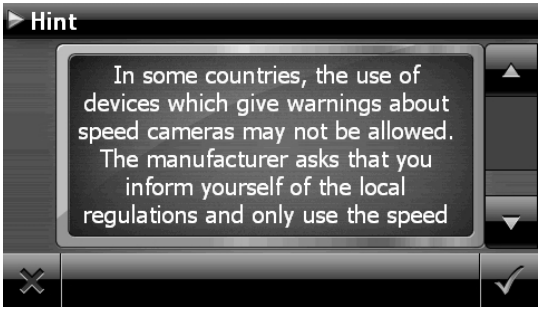
Further information regarding the navigation software can be found in the **comprehensive manual on your navigation CD/DVD**. This is a pdf-file you can read and print with Acrobat Reader.

Note

The GPS-receiver will require some minutes for initialisation when deployed for the first time. Even when GPS signal reception is indicated the navigation could be imprecise. In all future instances it will take about 30-60 seconds until a correct GPS-signal is available, sufficient “sight” of the satellite is a prerequisite.

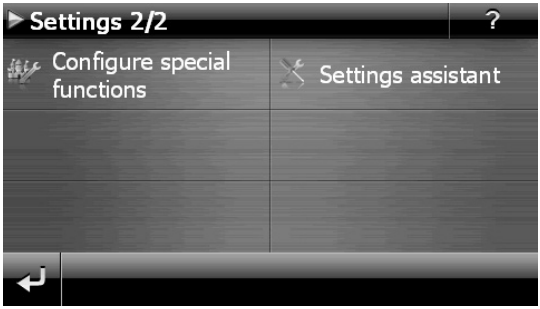
Warning function for traffic monitoring points

The following display will appear if the warning function for traffic monitoring points (**optional**) has been installed:

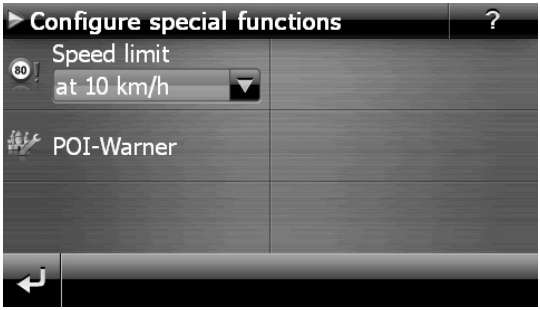

Hint
In some countries, the use of devices which give warnings about speed cameras may not be allowed. The manufacturer asks that you inform yourself of the local regulations and only use the speed

Confirm with , if you want to use navigation with the warning function for traffic monitoring points.

Tap on the **Configure special functions** interface in the **Settings** Menu, in order to configure the warning function.



The following screen appears. Tap on **POI-Warner**:



Tap on **Speed cam (stationary)** here, in order to make the settings for the ‘radar fixes’:

Here, you have the option of having the traffic monitoring points represented on a map or faded out. You can also set whether you would like to be informed by acoustic signals before reaching a traffic monitoring point.

Acoustic information about a traffic monitoring point will be given by a warning sound approx. 15 seconds before it is reached. Then, another double warning sound will be given approx. 7 seconds before it is reached. Four warning sounds will give information that the speed is too high. In addition, the distance to a monitoring point will be indicated by a bar indicating closeness (left lower edge of the display).

Sample view if map presentation has been activated:

Note

Please pay attention to the fact that traffic monitoring points are not preset in all countries.

*** Legal remark**

The use of devices that warn about traffic monitoring systems (like “speed traps”) is prohibited in some countries, i. e. Germany, Ireland and Switzerland. Please obtain information about the legal situation and apply the warning function only where allowed. We cannot be held liable for damages caused by the warning function.

Integrated FM Transmitter (optional)

Depending on the software equipment your navigation system is equipped with an **FM transmitter** (UKW transmitter with a weak transmission performance).

For using the FM transmitter we recommend the power supply through the cigarette lighter. You will be able to transmit navigation announcements and other audio announcements from the navigation system to the car radio without a cable with the aid of the FM transmitter.

> **Legal remark**
>
> The use of an FM transmitter is forbidden in some countries. Please obtain information about the legal position and only use this function where it is permitted. We shall not be liable for damages arising from the use of this device.

Starting the FM Transmitter

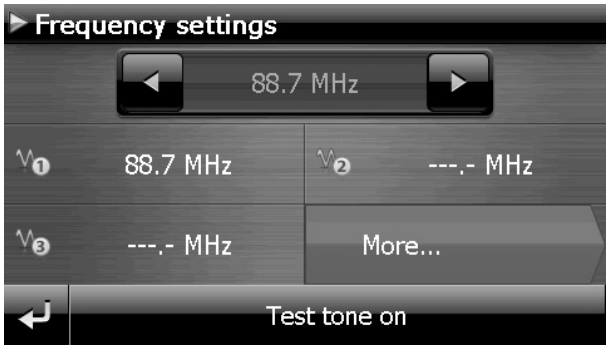
To start the FM Transmitter, tap on **Settings, FM Transmitter**.

Overview of the main screen

Description of the Interfaces

Button	Description
	To swith the FM Transmitter on/off
	Reactivate the FM transmitter (reactivation notification when the device is inserted into the holder)
	Setting the frequency (see page 35)
	Activates/deactivates the sample piece of music for the setting in the radio.
	Back

Frequency selection



You can set the required radio frequency (UKW) here with the and the interfaces.

Note

Move to a different frequency (through the radio transmitter, for example) if the use of the frequency is overloaded. You have the possibility of storing up to six different frequencies.

1. Proceed as follows, in order to store the frequency currently set:
2. Choose the desired frequency.
3. Click on this interface longer, in order to allocate the respective frequency to a specific channel position. The following display will appear:

4. Confirm with .

Speech commands (optional)

The Speech Entry mode can be activated by means of the function during navigation. A short information sound will indicate that the navigation system is ready for the speech entry.

Explanation of the symbol:

- ( ) optional words;
- [ ] Fillers
- „|“Alternatives;
- < > Content displayed can be spoken

The following commands will be possible here according to the current view:

Range of validity	Command
Always applicable	
	[go] (back | backwards)
	(cancel | abort) [dialog]
	(enter | select | change) [the|a] [new] (city | town | location)
	(enter | select) [a] [new] | new) destination
	((enter | select) [a] [new] | new) (zip [code] | postal code)
	help
	(general | global) (Help| Commands)
	[show] map [view]
	volume settings | change volume
	decrease volume
	increase volume
	mute volume | shut up
	unmute volume
	Menu | Main menu | Navigation menu

Main menu

You will be able to call up the most recent destination by speech in the Main Menu. To do this, you will speak the text appearing in the speech bubble above one of the highest three buttons. The 'Most recent place' button will appear in the case of more than one most recent destination. This can also be operated by speech and will open a list with the most recent places.

Enter [a] [new] address | [a] new destination | (enter | select | choose) [a] [new] destination | Destination entry

(Other | More) destination entry options | (Search | enter) other destination | Other destination

Route manager

start navigation | yes [please] | go | calculate route

stop route guidance

(other | additional) applications

In maps

[display|show] (destination [area]

[display|show] [map] overview | (display | show) (route

[display|show] ([the] [current] position

[display|show] [view|orientation] [in] (direction of (travel | motion) | driving direction)

other destination | next destination | down| downwards | more

previous destination | up | upwards

[display|show] (turn icons | arrows | arrow view | direction changes)

[display|show] (compass [view] | G P S view)

[display|show] (dynamic | smart) (view | map)

[display|show] next (view | map [view])

[display|show] (normal|simple) (map [view] | view) | [display|show] only [the] map

[display|show] (Arrow and map | Map and arrow | Map with arrows | Map with arrow)

[display|show] (3 D | three dimensional) [view | map | perspective]

[display|show] (2 D | two dimensional) [view | map | perspective]

[display|show] [2 D | two dimensional] (north | northern) [view | map [view]]

In maps	Auto zoom Centre [View | Map | Map view] | centre [[the] map] enlarge | zoom in reduce | zoom out quick menu
In lists It will be possible to address either the list entries themselves or the number allocated to them with speech, according to the speech bubble displayed. The buttons below the lists can also be addressed with speech if they are marked with a speech bubble.	next page | scroll down previous page | scroll up
Commands during the entering of a town You will be able to alternate between the two possibilities of making an entry with the 'Enter place/post code' command. The country commands do not play any role within Europe.	Change location | Enter location | Correct location | Change city | Enter city | Correct city | Change location | Change city | Other location | Other city | Correct location | Correct city | Enter city | Enter location Change postcode | Enter postcode | Correct postcode | Other postcode | Correct postcode | Postcode entry | Postcode entry Change state | Enter state | Correct state | Change province | Enter province | Correct province | Change region | Enter region | Correct region | Other state | Other province | Other region | Other state | Other province | Other region | Correct state | Search in all states | Search in all provinces | Search in all regions | Search in the whole country | All states | All provinces | All regions | Whole country Change country | Enter country | Correct country | Enter country

Commands during the entry of a street You will it be able to change the value previously entered with the 'Change place/post code' command. Use the 'I don't know' or 'Start destination guidance' command as the entry.	Change location | Enter location | Correct location | Change city | Enter city | Correct city | Change location | Change city | Other location | Other city | Correct location | Correct city | Enter city | Enter location Change postcode | Enter postcode | Correct postcode | Change postcode | Enter postcode | Correct postcode | Change postcode | Change postcode | Other postcode | Other postcode | Correct postcode | Postcode entry | Postcode entry points of interest | interesting sights | P O I centre | city centre | downtown | town centre | to centre | to city centre | to town centre | central business district I don't know | I've no idea
Commandos during the entry of a house number Use the 'I don't know' and 'Start destination guidance' commands, and 'Street centre' as the entry.	Change street | Enter street | Correct street | Change street | Correct street | Other street | Enter street crossroads | junction | intersection middle of the road | middle of street I don't know | I've no idea start navigation | begin navigation

Note

Speak the commands loudly and clearly in the direction of the navigation system. No incidental noises (radio, ventilation or loud conversation) should arise during the speech entry.

Handsfree Facility by means of Bluetooth (optional)

The Bluetooth technology serves to bridge short distances wirelessly. Bluetooth devices transmit data wirelessly, so that other devices that also support this technology can communicate with each other without cables.

Both devices will have to be adjusted to each other (pairing), before you will be able to use your navigation system as handsfree equipment with your Bluetooth mobile phone.

> **Note**
>
> Please read how you switch on the Bluetooth function in the Operating Instructions of your mobile phone.

Starting the Bluetooth Application

Tap on **Bluetooth Dialer**.

> **Note**
>
> The function for active use will have to be reactivated first if Bluetooth has been deactivated manually.

1. Now the main Bluetooth screen will appear on your navigation device.

Overview of the Main Screen

Button	Name	Description
Call log	Course of call	Displays the course of calls put through and received.
Message	News	View the postbox of your mobile phone through this symbol. You will be able to receive, write and send messages.
Contacts	Telephone Book	Call the contacts stored in the mobile phone through this symbol. The support of this function depends on the respective mobile.
	Back	Previous Page of the main display.
	Delete	Delete the number entered by means of the keyboard with this field.
	Calling	Select the number entered by means of the keyboard with this field.
	Keypad	Enter the digits of the telephone number to be called by means of the keyboard.
	Volume	Set the volume of the microphone and the loud-speaker by means of this symbol.
Settings	Settings of the hands-free facility	New message – Options for displaying new messages
		Pairing – Link the navigation device to the mo-bile
		Settings for automatic synchronization between the navigation device and the mobile phone
		Bluetooth – Activate or deactivate the Bluetooth function

	Synchronous telephone book – Settings for the automatic synchronisation between the navigation device and a mobile phone telephone
	Setting of the basic volume of the microphone and the loudspeaker.

Pairing the Navigation Device and the Mobile Phone

1. Activate the Bluetooth function on your mobile phone.

> **Note**
>
> Each mobile phone uses different paths to do this. Read the instructions of your mobile phone under all circumstances for this reason.

2. Select the option (Pairing – link the navigation device to the mobile phone) under the settings of the open speech facility of your navigation device. The search for a Bluetooth-enabled device will start.
3. Select the corresponding mobile phone from the list.

Start the link by operating the **Pair** field.

4. Your mobile phone will recognize the navigation device. You will be requested to enter a 4-digit PIN code. This is 1 2 3 4 for your navigation device.
5. Your mobile phone will be recognized and the open speech facility through the navigation system will now be available to you.

> **Note**
>
> This procedure will have to be repeated as soon as you have switched off the navigation system or a spatial separation between your mobile phone and the navigation device arises.

Accepting incoming calls

Button	Description
	Accept calls
	Reject/terminate calls

Making Calls

1. Tap on the keypad in the main Bluetooth screen and enter the number that you wish to call.
2. Start the call with .

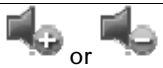
During a Call

Button	Description
	End call
	Volume settings for microphone and loudspeaker
	Return the conversation to your mobile

MP3 Player (optional)

Depending on the software equipment your navigation system is equipped with a **MP3- Player**. Start the MP3 player from the menu by tapping the **'MP3 Player'** switch area. All the MP3 files located on a memory card can be taken into a List of Favourites and will be available for replay. (The memory card must not be write-protected in this case.)

Overview of the Main Screen

Button	Description
	Reduces the screen brightness to a minimum, to save electricity.
	Determine/add bookmarks.
 or	Increase or decrease the volume. The display in the upper right corner of the screen will show the current level of the volume.
	Break off action / back to the previous menu
or	Move to the previous or next file. It will be possible to skip backwards or forwards within the title playing while it is being played.
	Play the playback.
	Stop the playback.
	Opens the List of Favourites.
	Displays the files stored on the flash disk and/or on the memory card.
	You will make the settings of the MP3 player here.

Select a Title and Move it into the List of Favourites

Tap on and select the title that you would like to move into the List of Favourites, in order to select a title.

Files
?
4 Wirtz - 11 Zeugen - Keine Angst.m
10 Wirtz - 11 Zeugen - Weil Ich So B
11 Wirtz - 11 Zeugen - Wieder Mal N
2 Wirtz - 11 Zeugen - Ne Weile Her.r

will have three possibilities of marking the title here:

- Tap on in order to mark all the titles, including all sub-directories.
- Tap on in order to mark all titles currently in view.
- Tap on to delete all marks within a directory.

The selected titles will be indicated by a .

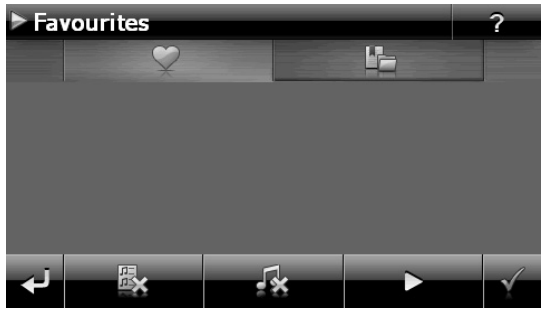
Tap on , in order to confirm your selection. The titles marked will not be moved into the List of Favourites **until then**.

Tap the file required and select the requisite title, in order to select a title in the sub-directories.

The symbol will be shown if not all the titles in a directory have not been selected.

List of Favourites

You will reach the List of Favourites by tapping on the :



You will delete all titles with .

You will delete individual titles with .

Confirm with , in order to take over the new selection into the List of Favourites.

List of the established bookmarks

You will reach the list of the established bookmarks by clicking on the symbol :

You will delete all bookmarks with the symbol.

You will delete an individual bookmark with the symbol.

Operation with the symbol to take over a new selection into the list of bookmarks.

Picture Viewer (optional)

Depending on the software equipment your navigation system is equipped with a **Picture Viewer**.

You can view the jpg format images on your memory card on your navigation system, with the **Picture Viewer**. All the images on the memory card will be available immediately.

Operating the Picture Viewer

Start the Picture Viewer from the menu **Other Applications** by tapping on the **Picture Viewer** button. Alternatively, the Picture Viewer can also be started from the navigation software itself.

Main Screen

Fig.: Miniature view

Move the miniature view to the left or to the right with the **arrow keys**. Tap on a specific images to display it in the Full Image Mode.

Return to the start in miniature view by tapping on .

You can end the application by tapping on the symbol.

Start the **slide show** by tapping the symbol.

Full Image View

Fig.: Full image view without service strip

Tap in the **lower** area of the screen in the full image view, in order to activate the **service strip**:

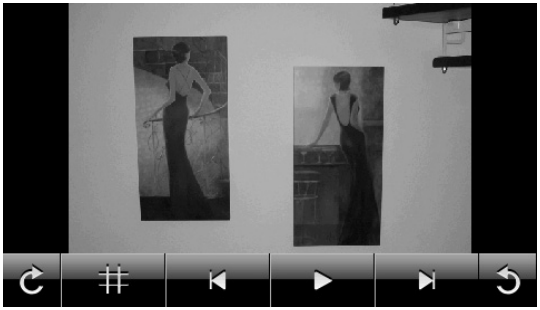


Fig.: Full image view with service strip

Button	Description
	Previous picture
	Turn it clockwise by 90° in stages
	Fade in grid
	Start the slide show Pause the slide show
	Turn it counter-clockwise by 90° in stages
	Next picture

You will return to the miniature view by tapping in the centre of the image.

The image displayed will be subdivided into 6 fields by tapping on the symbol (fade in grid).

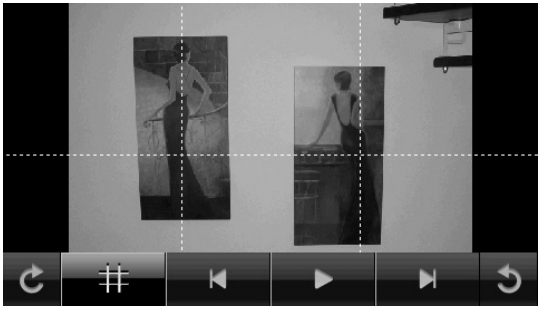


Fig.: Full image mode with grid

Tap on a square in the grid to zoom in on that area of the picture:

Fig.: Zoom-in Mode

Tap on the centre of the image to go back to viewing the full picture.

Travel Guide (optional)

Depending on the software equipment your navigation system is equipped with a **Travel Guide**.

The Travel Guide will supply general information about the different areas of individual towns and cities or regions in Europe, such as sights, restaurants, culture and travel information. Start the **Travel Guide** from the menu **Other Applications** by tapping on the **Travel Guide** button. Alternatively, the **Travel Guide** can also be started from the navigation software itself. Select the **country** initially, then the **town** or **city** (or the **region**). Then, select the category.

Fig. 1

Fig. 2

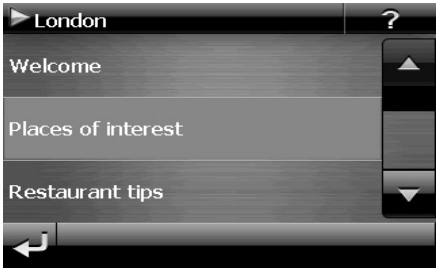


Fig. 3

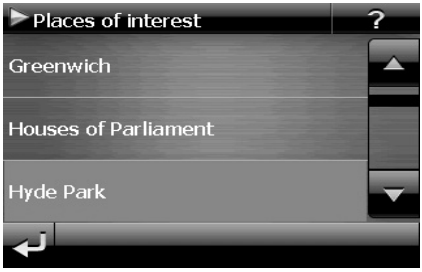


Fig. 4

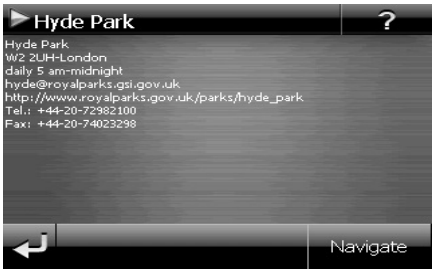


Fig. 5

Fig. 4

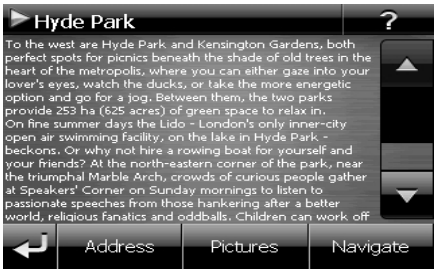

Hyde Park
To the west are Hyde Park and Kensington Gardens, both perfect spots for picnics beneath the shade of old trees in the heart of the metropolis, where you can either gaze into your lover's eyes, watch the ducks, or take the more energetic option and go for a jog. Between them, the two parks provide 253 ha (625 acres) of green space to relax in. On fine summer days the Lido - London's only inner-city open air swimming facility, on the lake in Hyde Park - beckons. Or why not hire a rowing boat for yourself and your friends? At the north-eastern corner of the park, near the triumphal Marble Arch, crowds of curious people gather at Speakers' Corner on Sunday mornings to listen to passionate speeches from those hankering after a better world, religious fanatics and oddballs. Children can work off
Address
Pictures
Navigate

Fig. 7

Confirm with Navigate, if you want to navigate to the destination displayed. The address will then be available to the navigation software as the destination.

Button	Description
	Previous image
Address	Shows the address of the selected category
Pictures	Shows the available images in the selected category.
Navigate	Tap on this control button to navigate directly to the selected address.

Note

The possible selections within the Travel Guide can vary according to the software available.

Alarm Clock (waking function) (optional)

Depending on the software equipment your navigation system is equipped with a **Alarm Clock/waking function**.

Start this function from the menu **Other Applications** by tapping on the **Alarm Clock button**.

The waking function can work when the device is switched off (Standby Mode / Power Saving Mode) as well as a reminder during the current navigation.

Overview of the main screen

This view will appear if you have not yet set up a waking time. Enter an alarm time in the **24-hour format** and confirm your entry with .

Description of the Interfaces

Button	Description
	Current system time
	Setting-up mode (Setting volumes, system time and alarm)
	Night mode (Standby mode)
	Reset/deactivate the waking function
	Setting the alarm time
	Delete the entry
	Confirmation interface
	Increase the volume / Reduce the volume
	Back to the previous menu
	Close the application

Setting the System Time

The display of the current time will be located in the upper right corner of the screen. You can adjust it as follows:

1. Tap on

in the main screen. The following screen will appear:

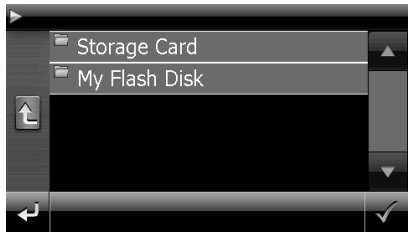
2. Tap on to change the time setting:

Note

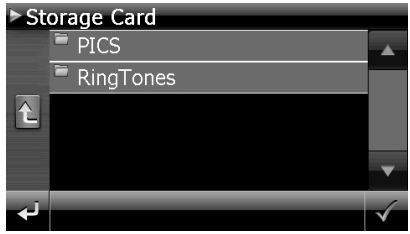
The system time is updated by GPS reception. Pay attention to the time zone settings.

Selecting an Alarm Signal

1. To select an alarm signal touch the symbol.



2. Select the desired alarm sound and confirm the selection with .
3. Tap on the corresponding file in the Memory Card directory if you would like to select an alarm tone from the storage card and confirm again with .



4. Select the desired alarm sound and confirm with .

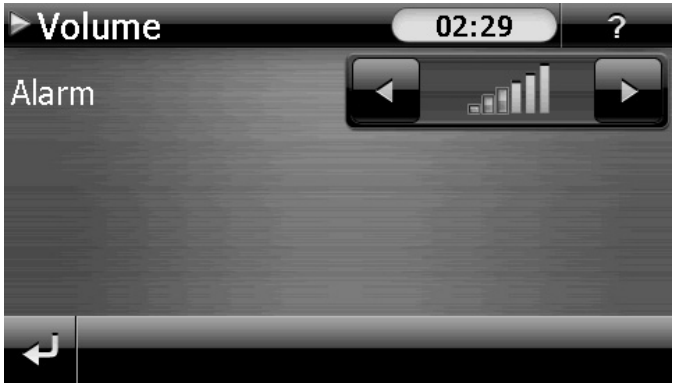
5. The selected alarm signal is marked by a
6. Close the application with .

Setting the Volume

You can adjust the volume of the alarm signal by tapping on the interface.

Note

The volume configured here only relates to the alarm signal and will not change the volume of the language output of the navigation system or other functions of the system.



Snooze Function

You will have the possibility of making the waking signal repeat **at regular intervals** by means of the Snooze function, once it has sounded at the alarm time set.

3. Tap on to activate the Snooze function.

4. To be wakened again at the same time on the following day tap on the button.
5. Tap on to return to the screen before the alarm signal started.

Ending the Alarm Clock Application

1. Tap on to deactivate the alarm time set.
2. You will find yourself in the Setting-up mode.
3. Tap on in order to leave the application. An alarm time is not set.

Sudoku (optional)

Depending on the software equipment your navigation system is equipped with the game **Sudoku**.

Start the game from the menu **Other Applications** by tapping on the **Sudoku** switch field.

Sudoku is a number puzzle. The puzzle area is square and subdivided into nine sections. Each section consists of 9 smaller squares.

When playing Sudoku, the **aim** is to fill all the 81 number fields using the numbers 1-9. Each number must only appear once in each section at the same time. Each number must only appear once in each row and column.

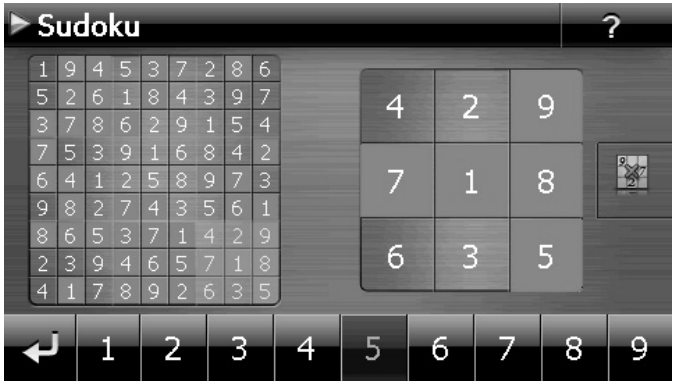
Some number fields will already have been populated prior to the start of the game.

Main Screen

Description of the switch fields

Button	Description
	Start the game
Show instructions	You will receive notes about a solution by tapping on this control button. Tap on the control button again to hide the notes about a solution.
Show solution	You will receive the solutions of the number fields by tapping on this control button. Tap on the control button again to hide the solutions.
New	A new Sudoku will be opened by tapping on this control button.
Settings	**Settings** You have the following possibilities in the Settings menu:
	The current game will be stored by tapping on this control button.
	You will load a game that you have started onto the screen by tapping on this control button.
Delete	Delete a stored game status.
	You can set the level of difficulty here.
	Back to the current game.

Overview of the game field



Description of the control buttons

Button	Description
	Strip of numbers to be entered Strip for the selection of the numbers to be entered in the number fields. The selected number will stand out and it will now be possible to enter it into a number field.
	Entry mode First, tap on the number in the strip of numbers to be entered that should appear in particular number field and then on the corresponding number field.
	Deletion mode Tap on the number to be deleted.
	Leave the application by means of this.

FAQ

Where can I find more information on the navigation system?

Detailed operating instructions for navigation can be found on the corresponding CD/DVD, which accompany your navigation system.

Also use the additional Help functions that are available with a single touch of a button (usually F1 on the PC), or by selecting the Help option, as additional assistance. These aids will be provided to you while you are using the computer or the device.

What do I need the accompanied CD/DVD for?

The CD/DVD contains:

- the ActiveSync® program for balancing data between the navigation system and the PC.
- Additional programs (optional).
- This User manual in digital form.
- digital maps
- PC-application for rapidly resetting the data material
- Manual of the navigation software

The navigation system is no longer responding. What should I do?

Carry out a reset (see page 23).

How can I adjust the lighting?

Under Settings.

Customer Service

Faults and Possible Causes

The navigation system no longer reacts or is behaving atypically.

- Carry out a reset (see page 23).

The navigation system is recognised only as a guest by ActiveSync®.

- See information on page 69.

The GPS receiver cannot be initialised or found.

If a GPS signal continues not to be reported on the screen, in spite of the correct installation of the system, this can be caused by the following factors:

- Sufficient satellite reception is not possible.
  Solution:
  Change the position of your navigation system and ensure that unrestricted "sight" of the aerial is not impaired.

No language statements can be heard.

- Check the volume setting.

Additional Support

If the suggestions in the above section have not solved your problem, please contact our customer service hotline. However, before you contact your customer service hotline, please have the following information available:

- How is your navigation unit configured?
- What additional peripherals do you use?
- What messages, if any, appear on your screen?
- What software were you using when the error occurred?
- What steps have you already undertaken to solve the problem?
- If you have been given a customer number previously, please give this number to the technician.

Appendix

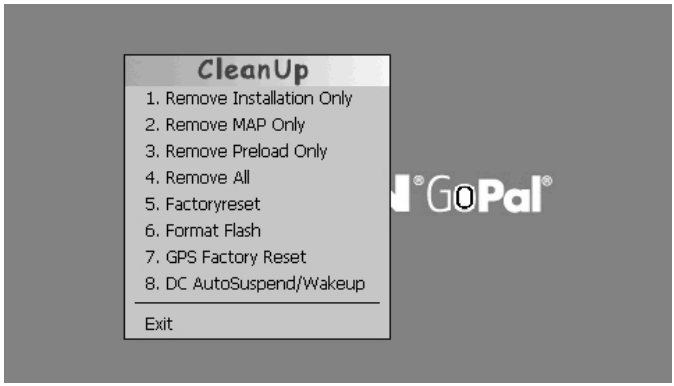
Special CleanUp Function

The CleanUp function serves the targeted deletion of data, without using a PC.

> **Note**
>
> Please use this function very carefully, because it is possible for data to be deleted that can only be entered again manually afterwards.

The CleanUp function is activated when the ‘o’ is pressed in the Gopal lettering of the Main Menu, immediately after the start tone following a reset.

The CleanUp function offers different options:



1. Remove Installation Only

Removes the software installed from the **‘My Flash Disk’** memory [= part of the permanent memory in which the executable parts of the navigation software will be located following the initial alignment (\My Flash Disk\Navigation)].

2. Remove MAP Only

Removes the digital maps from the **‘My Flash Disk’** memory (\My Flash Disk\MapRegions).

3. Remove Preload Only

Removes the data needed for the installation of the navigation software from the permanent memory (\My Flash Disk\Install).

4. Remove All

Deletes the whole contents of the **‘My Flash Disk’** memory. It will not be necessary to recalibrate the screen after this function has been carried out.

5. Factoryreset

Sets the device back to the delivery status in the case of an intact main installation.

6. Format Flash

Formats the internal **'My Flash Disk'** memory. This formatting can be necessary in the case of a prolonged removal of errors. It will be necessary to recalibrate the screen after the formatting function has been carried out. All data will be deleted from the internal **'My Flash Disk'** memory irrevocably.

7. GPS Factory Reset

Performs a factory reset of the GPS receiver. When using the GPS function after having performed a factory reset, the GPS receiver must orientate itself again. This process may take a while.

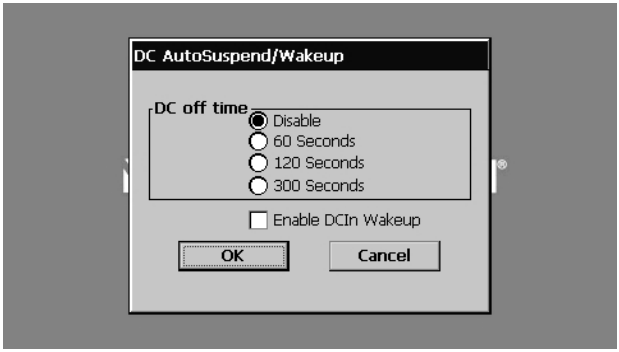
8. DC AutoSuspend/Wakeup

You can select here when your navigation system should go into Standby mode automatically after the withdrawal of the external power supply. For example, this function is useful in the case of vehicles where the cigarette lighter also switches off when the ignition is switched off.

The AutoSuspend function will be activated several seconds after the discontinuation of the external power supply and the Standby display will appear for the time set (see Page 15).

The DC AutoSuspend function will be deactivated again if the power has been reconnected within the total period (in the case that the engine has been switched off for a short time, for example). Otherwise, the navigation system will go into the Standby mode after the expiry of the time set.

Set the required time by clicking on it and confirm your selection with OK.



Note

This function is deactivated and can be set individually in the status at delivery and after a hard reset (see Page 23)

Exit

Leaving the CleanUp function and restarting the device (like reset).

> **Note**
>
> The deletion of the data must be confirmed before the action actually takes place. To do this, press on YES. There will be a corresponding report if the data to be deleted is no longer available.
> Please read the **"Transferring Installation Files and Map Material to the Internal Memory"** chapter on Page 76, in order to recreate the files (installation files and map material) in the internal memory.

Synchronisation with the PC

I. Installing Microsoft® ActiveSync®

In order to transfer data between your PC and your navigation system you need the Microsoft® ActiveSync® program.

The cost of the navigation system includes a license for this program which can be found on the CD/DVD.

> **Hinweis**
>
> You will not need the ActiveSync® communications software, if you are a user of the Windows Vista® / Windows ® 7 operating system. The system files necessary for the simple data transfer are already integrated into your operating system.
>
> **Attention!**
>
> Important files can be overwritten or changed during the installation of software. You should create a hard disk backup, in order to be able to have access to the original files in the case of possible problems following the installation.

You must have administrator rights to install the software under Windows® 2000 or XP.

> **Important**
>
> You should not connect the navigation system to your computer yet.

1. Insert the CD/DVD and wait until the program starts automatically.

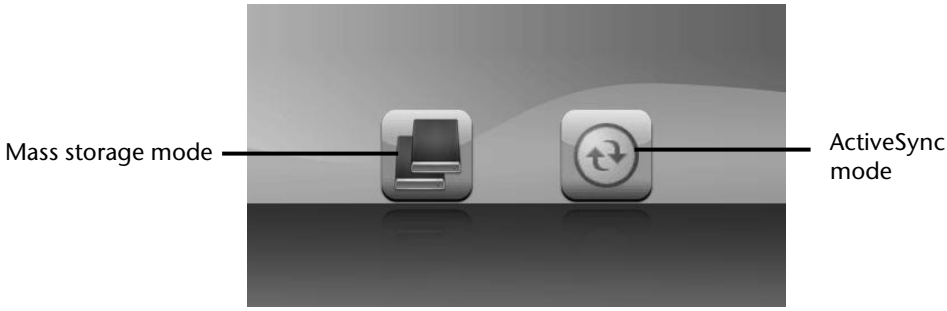
> **Note**
>
> If it does not function, the Auto Run function is probably deactivated. The Setup program on the CD/DVD must be started, to start installation manually.

2. Choose the language, click then **Install ActiveSync®** and follow the instructions on the screen.

> **Note**
>
> When installing the GoPal Assistant, ActiveSync® will be installed automatically.

II. Connecting with the PC

1. Press the On/Off button to start your navigation system.
2. Connect the USB cable to your navigation system.
3. Push the USB connector into a free USB port on your computer.
4. The following screen will appear after the navigation system has been connected:



> **Note**
>
> The ActivSync® mode will be loaded automatically after a few seconds, if no mode has been selected.

5. Select the desired mode:

Mass Storage mode

You will be able to use your navigation device as a detachable device (e.g. a USB stick) in the Mass Storage mode. Two drives, the internal memory of the navigation system itself and the (optional) memory card, if it has been inserted into the device, will be connected to do this.

> **Note**
>
> No further entries can be made on the device at the same time if you are in this mode. Use the 'Remove hardware safely' function of your operating system to protect yourself against data loss. Now, remove the cable from your navigation system.

The Hardware Installation Assistant will now recognize a new device and will install a suitable driver. This can take several minutes.

ActiveSync®-Mode

Repeat the attempt to connect, if it has failed the first time, if you have selected the **ActiveSync® mode**.

Follow the instructions on your screen. The program will now set up a partnership between your PC and navigation system.

> **Note**
>
> The navigation system **must** have been recognized when setting up the ActiveSync® mode, in order to be able to work with the GoPal Assistant.

Alternative possibility of charging the battery

The battery will charge as soon as you connect your navigation device to a switched-on PC or notebook by means of a USB cable (optional). No type of software or driver installation will be necessary for this. Do not interrupt the charging process if possible during the initial charge.

III. Working with Microsoft® ActiveSync®

ActiveSync® will be started automatically if you connect your navigation system to the PC. The program will check whether the device is one with which a partnership has been entered. If this is the case, the changes that have taken place on the PC and on the navigation system since the last synchronisation will be compared and adjusted to each other. You will be able to define exactly which data will have priority during the synchronisation in the settings of the ActiveSync® Program. Call up the Help of the Program (with the F1 Button), in order to become familiar with the effects of the respective settings. A restricted **Guest Access**, with which you will be able to exchange data, for example, will become active automatically if the navigation system has not been recognised as a partner. If this is the case, although the process concerns the registered partner device, separate your navigation system from the PC and switch it off and on again. Now connect your navigation system to the PC, to restart the recognition process. Repeat the process and, restart your PC in addition, if your device continues to be recognised as a guest.

> **Note**
>
> Make sure that you always connect your navigation system to your PC with the same USB connection, otherwise your PC will allocate an additional ID and reinstall the device.

GPS (Global Positioning System)

GPS is a satellite-backed system for determining your position. With the help of 24 satellites revolving around the earth, it is possible to determine your position on earth with the accuracy of a few meters. The satellite signals are received by the antenna of the built-in GPS receiver, which must have a "line of sight" to at least 4 of these.

> **Note**
>
> When the line of sight is interrupted (e.g. in tunnels, between houses, in woods or also in vehicles with metal-coated windows) it is not possible to determine the position. The satellite reception however automatically picks up again as soon as the obstacle has been passed and the line of sight is re-established. Moving slowly (e.g. slow walking) also limits the accuracy of the navigation.

The GPS receiver consumes additional power. This is especially of concern when running on batteries. To conserve power do not turn on the GPS receiver unnecessarily. Also terminate the navigation software if it is not needed or satellite reception is not possible for a longer period. You can also switch the device off by means of the On/Off switch if you experience a short interruption in your journey, pressing the same switch again will reactivate a restart. The GPS receiver will also be reactivated at the same time, if the navigation software is still active. There may be a delay for the position to be updated again, this is dependent on the reception situation.

> **Note**
>
> Please note that your appliance is preset to not shut down automatically after a few minutes without activity. You can change this preset in the Settings mode. If the GPS receiver has not been active for some hours, it must orientate itself again. This process may take a while.

TMC (Traffic Message Channel) (optional)

The **Traffic Message Channel** (**TMC**) is a digital radio data service that functions in a similar way to RDS and is used to transmit disruptions to traffic to a suitable reception device.

The traffic information is continuously transmitted across FM.

The user is less dependent on the half-hourly broadcast traffic information, because the signal is continuously transmitted. Apart from this, important information, as in the case of an accident in the road ahead, can be passed on immediately.

The transmission is planned for the whole of Europe and is already offered by radio transmitters in many countries. The precision of the TMC messages can deviate greatly according to the country. At time of printing a TMC service is not available in Ireland.

The evaluation of TMC messages is not supported by every type of navigation software. Enquire whether your system supports TMC before the possible purchase of a TMC receiver.

In Austria, the TMC traffic messages are made available by the TMCplus service. TMCplus stands for an even faster and more efficient passing on of traffic messages. It is a cooperation between ASFINAG and the Hitradio Ö3 radio broadcaster.

TMCpro / Trafficmaster (optional)

TMCpro (a service of T-Systems Traffic GmbH) mainly uses an automatic system to record the traffic situation, while the normal TMC relies on information from the police, ADAC and reports of traffic jams. Sensors on autobahn bridges, strips of sensors set into the carriageway and a large number of vehicles equipped with 'Floating Car Data' technology quickly supply a precise and more current image of the traffic situation on German autobahns, including predictions of possibilities.

Your navigation system will support both services and is set for the reception of both of them in the status at delivery.

Trafficmaster (optional)

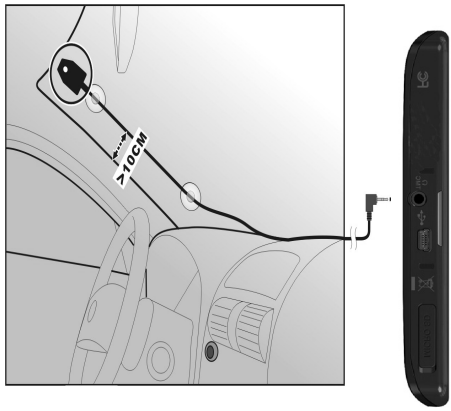
The **Trafficmaster** is a premium TMC service for the UK. It is supported by a network of 7,500 sensors constantly monitoring traffic flow over 8,000 miles of motorways and A-roads.

Installing the External TMC Receiver / Connecting the TMC Diplole Aerial (optional)

Connecting the TMC Angled Aerial

A TMC receiver is integrated into your navigation system, to receive traffic information. However, reception will only be guaranteed if the TMC angled aerial supplied with the device has been connected.

1. Plug the jack plug of the TMC angled aerial into the **earphones connection** on the **lower side** of your navigation system.
2. Attach the aerial, on the edge or your windscreen, for example, with the help of the sucker.
3. Place the aerial so that a distance of approx. 10 cm from the metal frame of the screen is maintained.



(similar picture)

Working with Memory Cards

Inserting Memory Cards

1. Carefully take the **optional** memory card out of its packing (if included). Take care not to touch or dirty the contacts.
2. Insert the memory card carefully into the card bay with contacts pointing forward. The card must lock easily.

Removing Memory Cards

> **Note**
>
> Only remove the memory card if the navigation software has been closed and the device has been switched off by means of the On/Off button beforehand. Otherwise you will risk a loss of data.

1. To remove the card press lightly onto the upper edge until it ejects.
2. Pull the card out without touching the contacts.
3. Store the memory card in the packaging or in another safe location.

> **Note**
>
> Memory cards are very fragile. Take care not to dirty the contacts and not to force the card.

Accessing Memory Cards

- The appliance only supports memory cards in the FAT16/32 file format. If you insert a card prepared with a different format (e.g. in cameras, MP3 players), your navigation system may not recognise it and will ask you to format it again.

> **Attention!**
>
> Formatting the memory card irretrievably wipes out all data.

Data Exchange via Card Reader

If you wish to copy large quantities of data (MP3 files, navigation maps) to the memory card, these can also be stored directly to the memory card.

Many computers already have memory card devices. Insert the card into your computer and copy the data directly to the card.

Because of the direct access you can achieve a much higher transfer rate compared to using ActiveSync®.

Additional Card Material

Your navigation system is already equipped with digitalised map material in the internal memory and/or memory card at the factory. Depending on the configuration, additional maps may be included on your navigation CD/DVD. You will be able to transfer these cards to a memory card immediately. It is recommended that you use an external card reader (see also page 75). The GoPal Assistant supplied with the device enables a simple and individual compilation of the map material to be transferred.

Depending on the amount of map data on the navigation CD/DVD, memory cards with capacities of 256 MB, 512 MB, 1.024 MB or more may be required.

You can obtain additional memory cards in specialist stores.

Transfer of card material to a memory card

The transfer of additional card material to a memory card can take place through Explorer on your PC via the following steps:

1. Insert the CD/DVD with the card material required.
2. Start your workstation and select your CD/DVD Drive.
3. Copy the file with the **.psf** ending out of the Directory of the region that you require to the **MapRegions** Directory on your memory card, from the CD/DVD.

You can transfer several files with map material to your memory card, depending on the capacity of the memory card.

If you have copied digitized maps of several countries or country groups onto your memory card, you will be required to select the desired map in the navigation application of your device.

Alternate method of installing Navigation Software (using a memory card)

The software for your navigation system can be installed directly from a memory card.

The pre-installed software may have to be uninstalled beforehand (see special Clean Up function, Page 65).

You will be requested to install the navigation software during the initial adjustment. Please proceed as follows:

1. Remove the memory card from the packaging carefully. Ensure the contacts are not touched or soiled.
2. Push the memory card into the corresponding slot until it engages.
3. Click on **OK**, in order to install the application.

The main screen, through which you will now be able to carry out the navigation settings, will appear after all data has been copied to your navigation system.

Transferring Installation Files and Map Material to the Internal Memory

> **Note**
>
> The navigation system must be connected to a computer by means of ActiveSync® for the transfer of the data.

Your device has an internal, permanent memory, which is located in the **\My Flash Disk** directory.

You will be able to make this directory, and others, visible with ActiveSync®, by means of the **Search** option. Directories and files can be manipulated as in Windows Explorer.

The required directory must have been stored, in order to make the installation files and the map material for the device available.

Deposit the **INSTALL** directory for the installation files at (\My Flash Disk\INSTALL). Deposit the map material in the **MapRegions** directory (\My Flash Disk\MapRegions). Please pay attention to the modes of lettering given above when naming the directories.

Pay attention to the fact that sufficient drive capacity must be available, if you have stored additional data on your navigation device. Remove files not needed if sufficient drive capacity is not available.

Specifications

Parameter	Information	
Power supply		
Power supply cable for a cigarette lighter	**CA-051-00U-00 / CA-0511MH-2F (Mitac)**	
Input	12-24V DC, 800mA / Sicherung 2A (T2AL/250V)	
Output	5V / 1A (max.)	
Battery	Li-Ion, 3.7 V	
Earphones	Stereo earphones (3.5 mm)	
Memory card type	Micro-SD	
Bluetooth (optional)	Class 2	
FM-Transmitter (optional)	87.5 – 108 MHz	
USB interface	USB 2.0	
Dimensions	approx. 133 mm x 90 mm x 16 mm	
Weight incl. battery	approx. 175 g (without packaging)	
Temperatures	Operating	+41 °F – +95° F (+5° C - +35° C)
	Storage	+32 °F – +140 °F -0° C - +60° C
Humidity (without condensation)	10 – 90 %	

Model Overview

Model	Microphone	Bluetooth	TMC via integrated TMC receiver and TMC dipole antenna
P 4245	●	○	●
P 4445	●	●	●

● = **Equipment available**

○ = Equipment not available

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Shielded interface cables, if any, must be used in order to comply with the emission limits.

Conditions of Warranty for the United Kingdom

Restricted Warranty

I. General Conditions of Warranty

1. General

This warranty covers defects relating to workmanship and manufacture in MEDION products. The period during which this warranty is valid and during which claims against the warranty can be made to MEDION must be in accordance with the following terms in order to be considered eligible:

- Is effective from the date of purchase or receipt of the MEDION product from an authorised seller of MEDION products; and
- expires at the end of the warranty period specified on the warranty card provided with the product.

For the warranty to be valid, you must:

- provide suitable evidence of purchase, a copy of the original purchase receipt from an authorised seller of MEDION products is preferred; or
- register your product within 28 days of purchase either online at www.MEDION.co.uk or by completing and returning the pre-paid registration card included with the product.

Please keep the original purchase receipt and the warranty card in a safe place. MEDION and its authorised sellers reserve the right to refuse a repair under warranty or a warranty confirmation if a proof of purchase [or registration of purchase] cannot be established, or has not been, submitted.

When it is necessary to return your product for repair please ensure that your product is suitably packed for transportation.

Provided that your product is still within warranty (please check the duration of the warranty period as described above) and is eligible for repair or replacement under the terms of the warranty, to return your product, please telephone MEDION on the service hotline number. You will be sent a pre-paid transportation box suitable for returning your product to MEDION. PLEASE MAKE SURE THAT YOU HAVE A BACKUP COPY OF ALL DATA ON THE PRODUCT BEFORE RETURNING THE PRODUCT TO MEDION. MEDION shall bear the costs of postage and packaging for returning the product and the transportation risk. However, if following examination of the defective product in question, MEDION, in its reasonable opinion, considers that the defect has been caused by:

- your operating and/or using the product other than as instructed in the accompanying documentation;
- damage caused in transit as a result of your negligence in packaging of the product; and/or
- otherwise than in accordance with the terms of this warranty;

This warranty shall be void and you may be required by MEDION to reimburse MEDION for the reasonable costs of postage and packaging before MEDION will return the product to you. If so and you would still like MEDION to repair or replace the product, MEDION may do so but you will be charged MEDION's standard rates for repair and replacement for this service.

Before returning the product, please contact MEDION via the service hotline or via the internet (www.MEDION.co.uk). You will receive a reference number (RMA No.) on the warranty card. Please mark the outside of your package to ensure that this reference number is clearly visible. Please submit a letter containing as much detailed information as possible and, a full description of the defect or fault.

This should include:

- a description of the fault;
- when it occurred, how long it has been evident and how frequently it occurs;
- any errors message(s) displayed when using the product;
- a description of the circumstance(s) and conditions in which the fault occurs; and
- whether it is an intermittent or persistent fault;

This will greatly assist MEDION in identifying the defect, when submitted together with the defective product.

Unless otherwise instructed by a MEDION representative in all cases, the product must be returned complete with all parts which were included with the original product. Incomplete contents of the returned package may lead to a delay in the repair or replacement. MEDION does not accept any liability for any additionally submitted material(s) which were not supplied with the original MEDION product.

This warranty does not affect your statutory rights in any way and is subject to the applicable legal statutes of the country where the product was sold to you by an authorised MEDION seller.

2. Scope

Subject to any exclusions set out within this warranty, where there is a defect in your MEDION product covered by this warranty, MEDION will repair or replace the MEDION product. The decision whether to repair or replace the product will be made solely at the discretion of MEDION. MEDION may, in its own discretion, replace the product returned for repair under warranty with a replacement product that is either identical or, in the event that such product(s) are no longer available, a product of equal or superior specification and quality.

No warranty is given for batteries or rechargeable batteries or for consumable materials subject to wear and tear, i.e. for parts which have to be replaced periodically during the normal use of the product, such as video-projector lamp.

Non critical failures that fall within industry specified tolerances e.g. noise, LCD pixels are not covered by this warranty. Please consult the appropriate section in your user or instruction manual for this product for exact specifications and tolerances.

To the extent which is permitted under law, MEDION will accept no liability for burnt-in images on plasma or LCD products as a result of normal wear and tear during the operation of the product. Please refer to your user or instruction manual for this product for detailed operating instructions for your plasma or LCD product.

The warranty does not cover errors relating to the playback of data media in an incompatible format or created with unsuitable software.

If it is found during repair or assessment that the defect concerned is not covered under warranty, MEDION reserves the right to invoice you for all reasonable costs incurred by MEDION. These costs will be in relation to the return of the product, including reasonable administration costs, plus reasonable costs for materials used and labour provided when repairing or replacing the product. This is subject to MEDION providing you with an estimate for carrying out such work prior to costs being incurred and that you have accepted the estimate.

You are entitled to seek independent advice or consultation relating to your product or any of MEDION's findings. MEDION will not be liable for any costs incurred to you when doing so.

3. Exclusion from warranty

To the extent permitted by law, this warranty shall be void in the event that defects or loss caused by:

a. failure and damage resulting from the operation of the product in an environment other than that recommended in the accompanying user or instruction manual (e.g. in direct sunlight or in a damp room);
b. accidental damage;
c. use other than in accordance with the accompanying user or instruction manual;
d. modifications, conversions, expansions, maintenance and/or repairs made to the MEDION product by unauthorised repairers or use of unauthorised third party parts;
e. negligence;
f. virus attack or software errors; or
g. improper transportation or packaging during return of the product.

This warranty will also be considered void if labels or serial numbers of the product or of a component of the product are modified or made illegible.

To the extent permitted by law, MEDION shall; only be responsible for losses which are a reasonably foreseeable consequence of the relevant defect in the product; MEDION will not be responsible for any costs incurred in relation to software configuration; economic loss; loss of opportunity; loss of income; or loss of data or software arising out of its repair or replacement of a MEDION product under this warranty.

4. Service Hotline

Before returning the product to MEDION you must contact us using the service hotline or via the internet (www.MEDION.co.uk). You will receive further instructions for making your claim under warranty when you call.

The service hotline is available on 362 days in the year, including Sundays and bank holidays but excluding Christmas day, New Years Day and Easter day. The service hotline is subject to [national rate] telephone call charges. These charges are subject to change. The price of your call will be stated at the beginning of the call.

II. Special warranty conditions for MEDION PC, notebook, pocket PC (PDA) and navigation devices (PNA)

The following terms apply to MEDION PC, notebook, desktop, pocket PC and laptop products and optional items included with such products. If one of these items has a fault, you also have a warranty claim for its repair or replacement, from MEDION. The warranty covers the costs of materials and labour for repairing or replacing the defective MEDION product or the optional item in question.

Hardware connected to your product that was not produced or marketed by MEDION can invalidate the warranty if MEDION can reasonably demonstrate that damage to the MEDION product or of the optional item included with the delivery was caused by such hardware. You are entitled to seek independent advice or consultation relating to your product or any of MEDION's findings. MEDION will not be liable for any costs incurred to you when doing so.

This warranty is restricted in relation to any pre-installed operating system as well as to application programme software that is included with the MEDION product in question. This warranty is restricted as follows:

For pre-installed operating system as well as to application programme software included in the MEDION product, MEDION only guarantees the data media (e.g. the diskettes and CD-ROMs) upon which this software is delivered and warrants that such data media shall be free from material and processing defects for a period of 90 days from the date of purchase of the MEDION product from an authorised seller of MEDION. MEDION will replace defective data media free of charge.

Any claims in respect of defective pre-installed operating system as well as to application programme software are hereby expressly excluded and you should contact the relevant licensor or copyright owner of the defective software in question. MEDION does not guarantee that any software supplied with MEDION products will function without interruption, will be free from errors or that it will fulfil your requirements. MEDION does not guarantee the 100% accuracy of the maps provided with the Navigation device.

It may be necessary to delete all data in the product in order to repair the MEDION product. PLEASE MAKE SURE THAT YOU HAVE A BACKUP COPY OF ALL DATA ON THE PRODUCT BEFORE RETURNING THE PRODUCT TO MEDION. To the extent permitted by law, MEDION excludes all liability for loss of data and MEDION recommends in all cases that you back up all data on your MEDION product before returning the product to MEDION.

III. Special warranty conditions for repair on site or replacement on site

If a claim for repair or replacement on site is included within the terms of the warranty card provided with the product, the special warranty conditions for repair or replacement of your MEDION product on site apply.

The following provisions must be made by you for carrying out repairs or replacements on site:

- MEDION or its authorised personnel must have unrestricted, safe and immediate access to the products.
- Telecommunication facilities required by MEDION or its authorised personnel for proper execution of your order, for testing and diagnostic purposes and for remedying faults are provided by you at your own expense.
- You are responsible yourself for restoring the application software after the repair services have been carried out by MEDION or its authorised personnel.
- You must take all other necessary steps to enable MEDION or its authorised personnel to carry out your order properly.
- You are responsible yourself for connecting and configuring any existing external peripheral products after MEDION or its authorised personnel have carried out their repairs.
- The free cancellation period for repairs or replacements on site is 24 hours, thereafter our reasonable costs resulting from late or missing cancellation shall be invoiced at your expense.

Liability limitations

The contents of this manual are subject to unannounced changes caused by technical progress. Manufacturer and sales shall not be responsible for any damages which have been caused as a result of omissions or errors in the information provided in this manual.

Under no circumstances shall we be liable for any of the following:

1. Claims made against you by third parties based on loss or damage.
2. Loss or damage to your blanks, recordings or data.
3. Economic follow-on damage (including lost profit or savings) or associated damage even in the case that we have been informed of the possibilities of this type of damage.

In some countries the exclusion or limitation of accompanying or follow-on damage is not legally accepted so that the above limitations do not come into force.

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